

The Dark Sides of Artificial Intelligence: An Integrated AI Governance Framework for Public Administration

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Abstract

ABSTRACT As government and public administration lag behind the rapid development of AI in their efforts to provide adequate governance, they need respective concepts to keep pace with this dynamic progress. The literature provides few answers to the question of how government and public administration should respond to the great challenges associated with AI and use regulation to prevent harm. This study analyzes AI challenges and former AI regulation approaches. Based on this analysis and regulation theory, an integrated AI governance framework is developed that compiles key aspects of AI governance and provides a guide for the regulatory process of AI and its application. The article concludes with theoretical implications and recommendations for public officers.